

NCR 19-7662



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBD29932-2
Job Sheet 193900



Part No: RBD29932-2

Job Qty: 12 pcs

Part Name: Puller



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/24/19

Job Tracking No:

Due Date: 6/24/19

Created By: Marie Lajeunesse

Type: **SOLD**

Description:

Note: DWG RBD29932 REV A IPP Rev. A 19.04.04 New Issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Waterjet - Omax - 1	12 pcs		6/24/19	0.00	1.00	Waterjet - Omax		06/19/07/08
110	QC 2	12 pcs		6/24/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		06/19/07/08
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		



Container No: S196513



Part: RBD29932-2

Job No: 193900

Serial No/Batch: S196513

Revision: A

Inspector:

Exp Date:

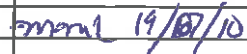
Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 07/17/19

Plex 4/24/19 10:12 AM Dart.lajeunesse.marie

P.T.O.

					QC 2 - 65	
					QC 2 - 5	
					QC 2 - 71	
120	Conventional Mill - 1 - B4B	12 pcs	6/24/19	0.00 1.50	Conventional Mill - 1 - B4B	
					Conventional Mill - 2 - B4B	
130	QC 2	12 pcs	6/24/19	0.00 0.00	QC 2 - 1	
					QC 2 - 12	
					QC 2 - 14	
					QC 2 - 17	
					QC 2 - 19	
					QC 2 - 2	
					QC 2 - 20	
					QC 2 - 22	
					QC 2 - 23	
					QC 2 - 25	
					QC 2 - 32	
					QC 2 - 33	
					QC 2 - 35	
					QC 2 - 39	
					QC 2 - 4	
					QC 2 - 40	
					QC 2 - 44	
					QC 2 - 45	
					QC 2 - 48	
					QC 2 - 49	
					QC 2 - 50	
					QC 2 - 51	
					QC 2 - 52	
					QC 2 - 57	
					QC 2 - 62	
					QC 2 - 63	
					QC 2 - 8	
					QC 2 - 66	
					QC 2 - 64	
					QC 2 - 65	
					QC 2 - 5	
					QC 2 - 71	
140	QC 8	12 pcs	6/24/19	0.00 0.00	QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	

					QC 8 - 47	
					QC 8 - 40	
					QC 8 - 52	
					QC 8 - 23	
150	Handfinish -7-1-BeadBlast-B4B	12 pcs	6/24/19	0.00 1.50	Handfinish - 7 - 1 - B4B	BEB19-07-10
					Handfinish - 7 - 2 - B4B	
160	QC 5	12 pcs	6/24/19	0.00 0.00	QC 5 - 10	
					QC 5 - 12	
					QC 5 - 17	
					QC 5 - 18	
					QC 5 - 19	
					QC 5 - 22	
					QC 5 - 24	
					QC 5 - 3	
					QC 5 - 43	
					QC 5 - 49	DAS
					QC 5 - 51	19
					QC 5 - 58	9-09
					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	
					QC 5 - 30	
					QC 5 - 40	
170	Outsource - 13 - Zinc Plating	12 pcs	6/24/19		GRO002-VC	KH 2019-07-10
180	Packaging 2-1 - Recelve - B4B	12 pcs	6/24/19	0.00 0.00	Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 - B4B	
					Packaging 2 - 14 - B4B	
					Packaging 2 - 15 - B4B	
					Packaging 2 - 16 - B4B	
					Packaging 2 - 17 - B4B	
					Packaging 2 - 18 - B4B	
					Packaging 2 - 19 - B4B	
					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	

190 QC 6	12 pcs	6/24/19	0.00 0.00	Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
				QC 6 - 9	
				QC 6 - 68	DAS
				QC 6 - 61	61
				QC 6 - 40	9-88
200 Packaging 3-1 - Stock - B4B	12 pcs	6/24/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
210 QC 21 - SA	12 pcs	6/24/19	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	
				QC 21 - SA - 53	

Part Op 100 - 1-Cut as per Dwg Dwg Rev: A Prog Rev: A 2-Deburr if necessary

Descriptions: 110 - QC2- Inspect parts off machine FAI/FAIB
 120 - Manufacture as per dwg - Machine as per DWG.
 130 - QC2- Inspect parts off machine FAI/FAIB
 140 - QC8- Inspect parts - second check
 150 - Bead blast remove scale
 170 - Issue P/O; 43965 -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; yellow -Material type; 1018 -Certificate of
 Conformity is required
 200 - Identify as per dwg & Stock Location: _____
 210 - QC21- Final Inspection - Work Order Release

JUL 19 2018

GA143F

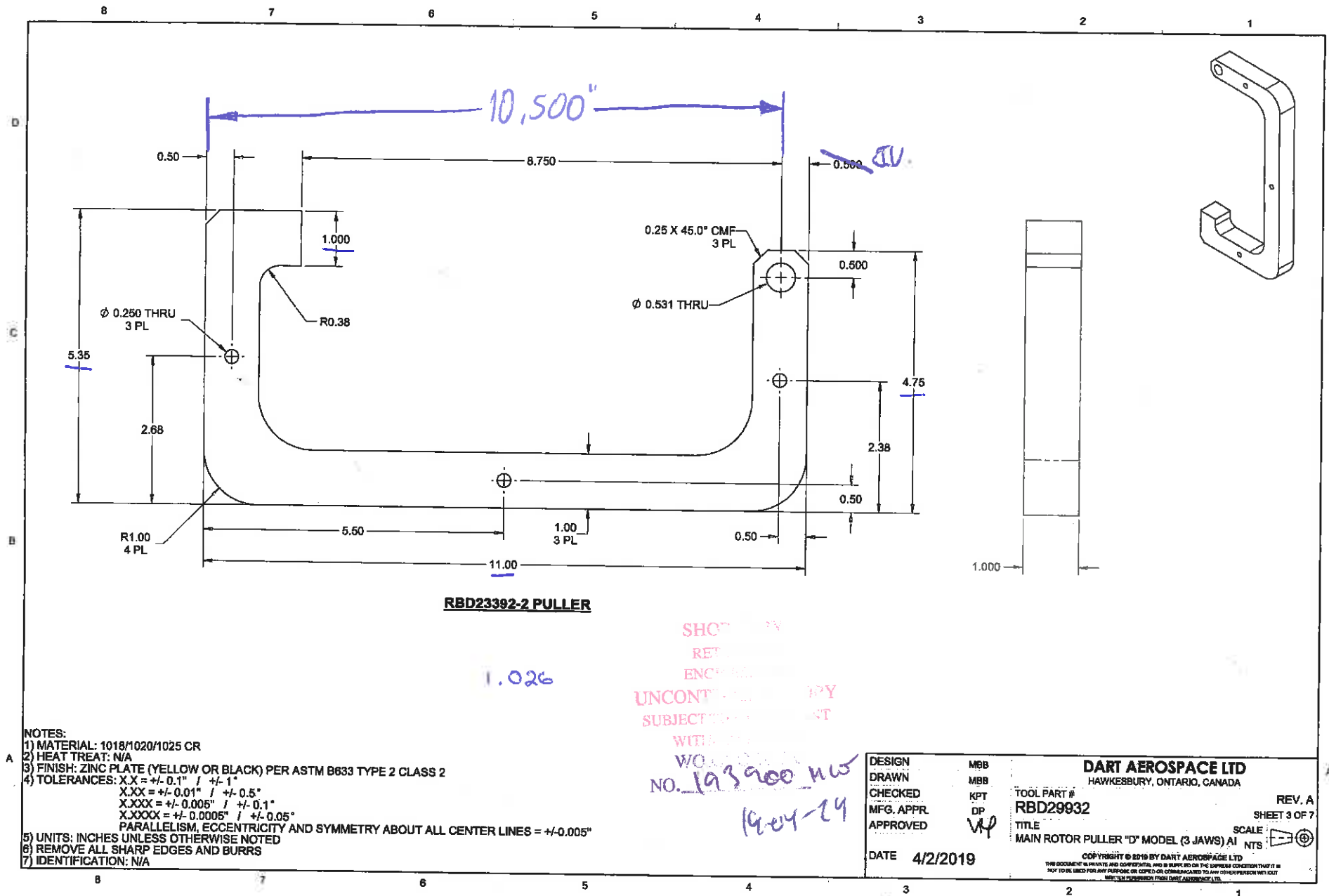
21 JUL 1 2018

5189509

Part / Item	Component Name	Quantity	Operation	Container
M1018B1.000X06.000	1010-1025 Steel Bar 1.000 X 6.000	11.1000 ft (.925 ea)	100-Waterjet - Omax - 1	

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Waterjet - Omax - 1	M1018B1.000X06.000	11	0	0
Part Specifications				
Specifications could not be found.				

Plex 4/24/19 10:12 AM Dart.lajeunesse.marie





Certificat de Conformité / Certificate of Compliance

(020658-2)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupealtech.com

Bon de Livraison / Packing Slip

020658 - 2

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By		Transport / No de Compte Courier / Acc. No.		Bon de commande Client Customer Purchase Order No.					
16-Jul-2019		SVETLANA DORZHIYEVA				POHB043965					
#Ligne Line#	No. de Série / # Pièce Part Number /Line Item Details Job # / Ref #	Description pièce(s)			CATG. U/M	Comm. /Ordered	Exp/ Shipped	Quantités / Quantities Qté NC/ NC Qty		Qté Scrap/	À venir/ Back Order
1	RBD29932-2 Rev. 193900	RBD29932-2 ZINC YELLOW ASTM B633 TYPE 2 SC2			ZINC CH	8	8	0	0	0	

DAS
61
9-89

RECEIVED
JUL 17 2019
DART AEROSPACE LTD.

RECEIVED
 JUL 17 2019
 DART AEROSPACE LTD.

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

JF JAY

D.R.

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.



Dart Aerospace Ltd.
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Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB043965**



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: POHB043965
PO Date: 7/10/19
Due Date: 7/18/19
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

Attention: Grenon, Sylvie

Via: Ground
Pymt Terms: Net 60

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Freight Terms:
Special Comments:

E-MAILED
2019-07-12

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	193900	RBD29932-2	Puller -Issue P/O; -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; yellow -Material type; 1018 -Certificate of Conformity is required	Firmed	-	7/18/19	8 pcs	0 pcs	8 pcs	\$7.50/pcs	\$60.00
						8 X JUL 17 2019				DAS 61 9-89	
2	196538	RBEL133M-2801-101-2	Frame -Issue P/O; -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; yellow -Material type; 4140 -Certificate of Conformity is required	Firmed	-	7/18/19	4 pcs	0 pcs	4 pcs	\$7.50/pcs	\$30.00
						X4 JUL 15 2019				DP	
Grand Total:											\$90.00

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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043965



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 7/12/19 9:54 AM Dart.Guerin.Kimberley

Entered:



NCR No. 19-7662

Route update only

Job: 193900		DISPOSITION		DEPARTMENT/PROCESS			
Part No. RBD29932-2 REV A		Rework ☐ Scrap ☐ Use-as-is ☒		Skid-tube ☐ Machining ☐ Large Fab ☐	Cross tube ☐ Small Fab ☐ Finishing ☐	Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐	Engineering ☐ Water Jet ☒ Supplier ☐ Quality ☐
Date: 2019-07-08		Sequence #:		QTY Affected: 8		MRB (QSI042)	
Description Work Order Deviation				Disposition			
DIMENSION SUPPOSED TO BE 1.00 WATERJET CUT AT 1.026 OK TO USE AS IS				THIS DEVIATION IS ACCEPTABLE TO USE AS IS FIT FORM AND FUNCTION WILL BE AS ORIGINALLY INTENDED			
				Completed By: A. Patry 19-07-08 Lead hand / Supervisor: DAS 30 9-89 JUL 26 2019 QC / QA Coordinator: DAS 68 9-89 JUL 26 2019			
Root Cause		FAULT CATEGORY					
Operator ☒ Manufacturing Process ☐ Equip/Tooling ☒ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☒ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread ☐					
		Other/Details:					